

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2167	(sheng-ping.in. and zhong.in.) or (michael.in. and helmus.in.) or (scott.in. and smith.in.) or (bruce.in. and hammer.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:37
S2	6	S1 and ((MRI or MR) with nuclei)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:24
S3	59	((MRI or MR) with nuclei) same ((medical with device) or catheter or graft or implant or needle or (guide with wire) or guidewire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:40
S4	17	("4639364"   "4985233"   "5154179"   "5196348"   "5352431"   "5576070"   "5662960"   "5728079"   "5744958"   "5817017"   "6207134"   "6280385"   "6317091"   "6361759"   "6368574"   "6463317"   "6574497").PN.	USPAT	OR	ON	2007/05/14 09:40
S5	2	("20020183763"   "20030078492").pn.	US-PGPUB	OR	ON	2007/05/14 09:41
S6	19	S4 or S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:51
S7	3	S6 and (MRI with process)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:45
S8	1	S6 and ((MRI or MR) with first with second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:47
S9	3	(christopher.in. and flask.in. and lewin.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:48
S10	1	(US-6574497-\$).did.	USPAT	OR	OFF	2007/05/14 10:11

S20	19	(US-20030078492-\$ or US-20020183763-\$).did. or (US-6574497-\$ or US-6463317-\$ or US-6368574-\$ or US-6361759-\$ or US-6317091-\$ or US-6280385-\$ or US-6207134-\$ or US-5817017-\$ or US-5744958-\$ or US-5728079-\$ or US-5662960-\$ or US-5576070-\$ or US-5352431-\$ or US-5196348-\$ or US-5154179-\$ or US-4985233-\$ or US-4639364-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/14 12:42
S21	19	(US-20030078492-\$ or US-20020183763-\$).did. or (US-6574497-\$ or US-6463317-\$ or US-6368574-\$ or US-6361759-\$ or US-6317091-\$ or US-6280385-\$ or US-6207134-\$ or US-5817017-\$ or US-5744958-\$ or US-5728079-\$ or US-5662960-\$ or US-5576070-\$ or US-5352431-\$ or US-5196348-\$ or US-5154179-\$ or US-4985233-\$ or US-4639364-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/14 13:32
S22	5	S21 and (combin\$3 with imag\$3)	US-PGPUB; USPAT	OR	ON	2007/05/14 12:43
S23	1761	600/411,420,423,433.ccls. or 424/9.3,9.323,9.37,9.42.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/14 13:33
S24	175	S23 and (MR with nuclei)	US-PGPUB; USPAT	OR	OFF	2007/05/14 13:33
S25	17	("4639364"   "4985233"   "5154179"   "5196348"   "5352431"   "5576070"   "5662960"   "5728079"   "5744958"   "5817017"   "6207134"   "6280385"   "6317091"   "6361759"   "6368574"   "6463317"   "6574497").PN.	USPAT	OR	ON	2007/05/15 07:06
S26	2	("20020183763"   "20030078492").pn.	US-PGPUB	OR	ON	2007/05/15 07:06
S27	19	S25 or S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/15 07:06
S28	4	S27 and implant	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/15 07:13
S29	14	((MRI or MR) with iodine with nuclei)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/15 07:11
S30	0	S27 and iodine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/15 07:13

S31	65	(different with field with strength with nuclei)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 08:57
S32	1	perfluoro-[15]-crown-5-ether	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 09:59
S33	9	perfluoro-15-crown-5-ether	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 09:59
S34	3	perfluoro-15-crown-5-ether same (NMR MRI MR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 10:03
S35	6	(perfluoro-15-crown-5-ether (perfluoro with 15-crown-5 with ether) (perfluoro with 15-crown-5-ether) same (NMR MRI MR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 10:05
S36	0	(MRI NMR) same (needle guidewire graft tube) same tissue same nuclei	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:11
S37	0	(MRI NMR) same (needle guidewire graft tube) same nuclei	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:12
S38	0	(MRI NMR) same (medical with device) same nuclei	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:13
S39	34	(MRI NMR) same ((medical adj device) catheter) same tissue same nuclei	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:13
S40	20	((nuclei with ((medical adj device) catheter needle stent)) same (NMR MRI))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:33
S41	3	S40 and ((combin\$3 superimpos \$3) with image with tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:34
S42	7	S40 and ((combin\$3 superimpos \$3) with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:35
S43	12	10/867517	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:38

S44	11	S43 and nuclei and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 11:47
S45	1	(US-20050240098-\$).did.	US-PGPUB	OR	OFF	2008/06/10 11:54
S46	1	S45 and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/10 11:54
S47	68	coil with passive with imaging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/10 12:07
S48	63	((medical adj device) catheter guidewire stent needle) same passive same coil same imag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 12:18
S49	4	((MRI NMR) with combin\$3 with active with passive with mark\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/11 08:30
S50	2	((medical with device) same nuclei same passive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/11 08:36
S51	25	("3789832"   "4639364"   "4838274"   "5068098"   "5154179"   "5318770"   "5320100"   "5324504"   "5362477"   "5362478"   "5422094"   "5536491"   "5725572"   "5772982"   "5908410"   "6001118"   "6017319"   "6174330"   "6280385").PN. OR ("6574497").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:38
S52	12	S51 and nuclei	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:39
S53	4	S51 and (nuclei same coil)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:39
S54	68	((MRI NMR) same (combin\$3 superimpos\$3) with imag\$3 with ((medical with device) catheter needle graft guidewire))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:44
S55	2	((MRI NMR) same ((combin\$3 superimpos\$3) with imag\$3 with ((medical with device) catheter needle graft guidewire))) same nuclei	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:45
S56	12	S51 and (nuclei)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:50
S57	1	S51 and (fluorine same ((medical with device) catheter needle))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:55

S58	5	(passive with (tracking imaging)) and (fluorine same ((medical with device) catheter needle))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 17:56
S59	3	(passive with tracking) and ((fluorine hydrogen) with nuclei with ((medical with device) catheter needle marker)) and (metal with wire)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 18:06
S60	6	("5271400"   "5289373"   "5419325"   "6574497"   "6733487"   "6975896").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 18:07
S61	0	(superimpos\$3 combin\$3 fus\$3) with proton with fluorine with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:56
S62	0	(superimpos\$3 combin\$3 fus\$3) with nucle with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:56
S63	232	(superimpos\$3 combin\$3 fus\$3) with nuclei with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:56
S64	0	((superimpos\$3 combin\$3 fus\$3) with nuclei with image) same fluorine same proton	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:57
S65	1	((superimpos\$3 combin\$3 fus\$3) with nuclei with image) same fluorine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:57
S66	19	S63 and ((catheter needle instrument device tool) with (nuclei fluorine))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 12:58
S67	6	("5271400"   "5289373"   "5419325"   "6574497"   "6975896"   "6733487").PN.	USPAT	OR	ON	2008/09/16 13:09
S68	49	("4572198"   "4989608"   "5243283"   "5271400"   "5307808"   "5318025").PN. OR ("5419325").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/16 16:28
S69	2	S68 and ((fluorine nuclei) with (device instrument catheter needle)) and ((fus\$3 combin\$3 superimpos\$3) with imag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 16:30
S70	6	("5271400"   "5289373"   "5419325"   "6574497"   "6733487"   "6975896").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/16 16:46
S71	11	(superimpos\$3 combin\$3 fus\$3) with hydrogen with fluorine with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:37

S72	0	((superimpos\$3 combin\$3 fus\$3) with nuclei with image) same fluorine same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:38
S73	27	("3789832"   "4639364"   "4838274"   "5068098"   "5154179"   "5318770"   "5320100"   "5324504"   "5362477"   "5362478"   "5422094"   "5536491"   "5725572"   "5772982"   "5908410"   "6001118"   "6017319"   "6174330"   "6280385").PN. OR ("6574497").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/18 10:49
S74	9	S73 and (nuclei fluorine) and (MRI NMR MR (magnetic adj resonance)) and (combin\$3 fus\$3 superimpos\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/18 10:53
S75	17	("4639364"   "4985233"   "5154179"   "5196348"   "5352431"   "5576070"   "5662960"   "5728079"   "5744958"   "5817017"   "6207134"   "6280385"   "6317091"   "6361759"   "6368574"   "6463317"   "6574497").PN.	USPAT	OR	ON	2008/09/18 11:13
S76	2	("20020183763"   "20030078492").pn.	US-PGPUB	OR	ON	2008/09/18 11:13
S77	19	S75 or S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:13
S78	12	S77 and (superimpos\$3 combin\$3 fus\$3 super-impos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:13
S79	873	600/424.xls.	US-PGPUB; USPAT	OR	OFF	2008/09/19 13:57
S80	0	S79 and ((combin\$3 fus\$3 overlay \$3 superimpos\$3) with (nuclei (fluorine)))	US-PGPUB; USPAT	OR	OFF	2008/09/19 13:58

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